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Frank, Ludmila  
Vysotski, Eugene

<120> Isolated Photoprotein mtClytin, and the Use Thereof

<130> LeA 36 839

<150> PCT/EP2004/009843  
<151> 2004-09-03

<150> DE10342670.1  
<151> 2003-09-16

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<170> PatentIn version 3.3

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Pro Lys Trp Ile Asn Arg His Lys Phe Met Phe Asn Phe Leu Asp Ile  
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Asn Gly Lys Gly Lys Ile Thr Leu Asp Glu Ile Val Ser Lys Ala Ser  
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Asp Asp Ile Cys Ala Lys Leu Asp Ala Thr Pro Glu Gln Thr Lys Arg  
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His Gln Asp Ala Val Glu Ala Phe Phe Lys Lys Met Gly Met Asp Tyr  
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Gly Lys Glu Val Ala Phe Pro Glu Phe Ile Lys Gly Trp Glu Glu Leu  
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Ala Glu His Asp Leu Glu Leu Trp Ser Gln Asn Lys Ser Thr Leu Ile  
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Arg Glu Trp Gly Asp Ala Val Phe Asp Ile Phe Asp Lys Asp Ala Ser  
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Gly Ser Ile Ser Leu Asp Glu Trp Lys Ala Tyr Gly Arg Ile Ser Gly  
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Leu Ile Arg Asn Trp Gly Glu Ala Val Phe Asp Ile Phe Asp Lys Asp  
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Ser Gly Ile Cys Pro Ser Asp Glu Asp Ala Glu Lys Thr Phe Lys His  
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Tyr Gly Asn Phe Val Pro  
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35 40 45

Ala Ser Asp Asp Ile Cys Ala Lys Leu Gly Ala Thr Pro Glu Gln Thr  
50 55 60

Lys Arg His Gln Asp Ala Val Glu Ala Phe Phe Lys Lys Ile Gly Met  
65 70 75 80

Asp Tyr Gly Lys Glu Val Glu Phe Pro Ala Phe Val Asp Gly Trp Lys  
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Glu Leu Ala Asn Tyr Asp Leu Lys Leu Trp Ser Gln Asn Lys Lys Ser  
100 105 110

Leu Ile Arg Asp Trp Gly Glu Ala Val Phe Asp Ile Phe Asp Lys Asp  
115 120 125

Gly Ser Gly Ser Ile Ser Leu Asp Glu Trp Lys Ala Tyr Gly Arg Ile  
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Ser Gly Ile Cys Ser Ser Asp Glu Asp Ala Glu Lys Thr Phe Lys His  
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Cys Asp Leu Asp Asn Ser Gly Lys Leu Asp Val Asp Glu Met Thr Arg  
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Ala Ser Asp Asp Ile Cys Ala Lys Leu Gly Ala Thr Pro Ala Gln Thr  
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Gln Arg His Gln Glu Ala Val Glu Ala Phe Phe Lys Lys Ile Gly Leu  
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Glu Leu Ala Lys His Asp Leu Lys Leu Trp Ser Gln Asn Lys Lys Ser  
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Tyr Gly Asn Phe Val Pro  
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